

-1. (Amended) A replenishing developer, comprising: 1 wt. part of a carrier and 2 - 50 wt. parts of a toner, wherein the carrier is a magnetic fine particle-dispersed resin carrier comprising at least inorganic compound particles and a carrier binder resin, the toner has a weight-average particle size of 3 to 10 μm and contains 1 to 40 wt. % of solid wax and

B₁ wherein the inorganic compound particles comprise magnetic particles containing at least one additive element selected from the group consisting of magnesium, silicon, manganese and phosphorous, wherein the magnetic particles contain said at least one additive element in a total amount of 0.03 - 5.0 wt. % of Fe.
C based on

15 16. (Amended) A replenishing developer according to claim 1, wherein C the magnetic particles contain at least one metal element selected from the group consisting of zinc, copper, nickel, cobalt, aluminum, tin, titanium and zirconium in a total amount of 0.01 - 3.0 wt. % of Fe, and contain the additive element and the metal element
B₂ C based on

C surface-exposed on the magnetic particles in a total amount of 0.01 - 1.5 wt. % of Fe.
based on

17 18. (Amended) A replenishing developer according to claim 1, wherein said at least one additive element is divided into a first additive element of magnesium and at least one second additive element selected from the group consisting of silicon, manganese and phosphorous, and said first additive element and said at least one second additive element are contained in the magnetite particles in a weight ratio of 1:9 to 9:1.
B₃

22

25. (Amended) A developing method, comprising: developing an

electrostatic latent image on an image-bearing member with a two-component developer

C

comprising a toner and a carrier stored in a developer vessel, while ^{periodically} supplying ~~as required~~ a replenishing developer to the developer vessel;

wherein the replenishing developer comprises 1 wt. part of a carrier

and 2 - 50 wt parts of a toner, wherein the carrier is a magnetic fine particle-dispersed resin

B4

carrier comprising at least inorganic compound particles and a carrier binder resin, the

toner has a weight-average particle size of 3 to 10 μm and contains 1 to 40 wt. % of solid

wax,

wherein the inorganic compound particles comprise magnetic

particles containing at least one additive element selected from the group consisting of

magnesium, silicon, manganese and phosphorous,

wherein the magnetic particles contain said at least one additive

element in a total amount of 0.03 - 5.0 wt. % ^{based on} ~~of~~ Fe.

sub. 1

27. (Amended) A developing method according to claim 25, using as

the replenishing developer a replenishing developer according any one of claims 2-13 or

16-22/-

B5

REMARKS

The claims are 1-13, 16-22 and 25-27 with claims 1 and 25 being independent. Claims 14, 15, 23 and 24 have been cancelled without prejudice or

B